

Puchkov, V. G.
BASIC TROPHIC GROUPS OF PHYTOPHAGOUS
HEMIPTEROUS INSECTS AND CHANGES IN THE
CHARACTER OF THEIR FEEDING DURING THE
PROCESS OF DEVELOPMENT, tr. by R. Ericson,
Jan 60, 11p.

Order from OTS or SLA \$1.60

62-15633

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v. 35, no. 1, p. 32-44.

DESCRIPTORS: *Insects, Feeding, Growth, Classifica-
tion, *Plants.

(Biological Sciences--Zoology, TT, v. 8, no. 7)

62-15633

1. Title: Phytophagy
I. Puchkov, V. G.

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Larvae of Hymenoptera-Heteroptera. I. Lygaeidae, by
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M. T. Ulzhanov, Yu. G. Puchkov, 21 pp.

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CSIRO Tr 5008

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PL-480

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OF THE VACCINAL STOCK OF B. TULARENSIS IN
THE PROCESS OF GROWTH AND MULTIPLICATION
AT A TEMPERATURE OF 37° (Izucheniye
Immunogennykh Svoystv Vaksinnogo Shtamma B.
Tularensis v Protsesse Rosta i Razmnozheniya pri
Temperature 37°). [1961] 4p.
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Trans. of Gosudarstvennyi Nauchno-Issledovatel'skii
Protivochumnyi Institut. Trudy (USSR) 1956, v. 10,
p. 197-199.

DESCRIPTORS: Immunization, Tests, *Tularemia
vaccine, Effectiveness, Culture media, Growth,
Temperature, Mice.

(Biological Sciences--Pharmacology, TT, v. 7, no. 11)

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DESCRIPTORS: *Tobacco, Chemical properties.

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- II. Miller, J. E.
- III. K-H 11071-e
- IV. Kresge-Hooker Science
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3600 words; 1943

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A 9585

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Aromatic Hydrocarbons. XIV. Action of Phosphorus
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EFFECT OF LOW CONCENTRATIONS OF PLASTICIZER IN VINYL CHLORIDE POLYMERS. Presented to the Expanded Macromolecular Colloquium, Freiburg, 6-8 Mar 58. [1963] [11]p. (figs. omitted) 8 refs.
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Trans. of Kunststoffe (West Germany) 1959, v. 49, no. 5, p. 213-216.

DESCRIPTORS: Polymers, *Polyvinyl chloride, *Plasticizers, Vinyl radicals, Chlorides, Mechanical properties, Molecular structure.

The brittling effect occurring in PVC and vinyl chloride mixed polymers with low plasticizer concentrations is explained by the assumption that the plasticizer molecule in low concentrations causes, by solvation, above all, a stretching of the macro-
(Biological Sciences--Pharmacology, TT, v. 10, no. 3)
(over)

63-14184

I. Puchs, O.
II. Frey, H. H.
III. Expanded ...

Office of Technical Services

molecule. By this solvation the macromolecules become immovable and make the "softened" material harder. Only with higher concentrations of plasticizer is the peculiar plasticizing effect of the plasticizer fulfilled. The data obtained for several plasticizers, for pure PVC, for a vinyl chloride mixed polymer, for plasticizer to which was added a precipitant for the polymer, may be arranged easily in this conception. Some recently appearing articles concerning this same effect are examined critically. (Author)

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EBur - Czechoslovakia

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Reverse Translation

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I. Title: Polyphosphinophospha-
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JPRS 2757

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Ivanov, Z. M. Zinov'yeva, 3 pp.

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Polyethylene Glycols and Some of Their Derivatives,
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VIII. Reactions of Mixed Phosphites With Chloro-
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of Dialkyl Phosphorous acids to Esters of
Vinylacrylic and Sorbic Acids and 3, 5
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